

TO: NEMS Functional and Technical Community

FROM: Development Team for NEMS

SUBJECT: Year 2000 NEMS **PRE-RELEASE** was delivered to the Headquarters Distribution Center July 31, 1997. The release contains a copy of NEMS PREDICT, 12 Conversion Programs and 2 Subprograms for the year 2000 conversion of NEMS related site unique code at the centers.

WARNING!!! THIS RELEASE OF PREDICT SHOULD NEVER BE IMPLEMENTED IN A PRODUCTION/TEST ENVIRONMENT. IT IS ONLY TO BE USED FOR CONVERTING PROGRAMS IN A SPECIAL LIBRARY AND DATABASE FOR YEAR 2000. A PROPERLY DOCUMENTED PREDICT RELEASE WILL BE SUBMITTED LATER.

Subprograms:

TRNDTENA: This subprogram will add the century to date fields (parameters passed in the CALLNAT) that are not already populated with the century (the first 2 digits of the date fields). The subprogram will accept parameters in the following format and order 18 (N8) fields, 4 (A8) fields, 1 (A4) field, and 1 (A7) field. These parameters represent the largest number of fields that can be stored on any of the NEMS files. All of the parameters must be sent to the subprogram. They can be dummy fields if not enough date fields need to have the century added. If a date field is equal to 0 then that field is ignored (no century addition performed). If a date field is greater than 0 and not spaces then a century will be populated for that date based on the following formula:

Year from current system date - constant year (80) = year to compare with.

If the date field year (digits 3 and 4 from the date fields) is less than or equal to the year to compare with, then the century is equal to the current system date century, else the century is equal to the current system date century + 1 (next century).

This subprogram is intended to have the actual fields from the database passed to it. It should be executed as the statement directly before a STORE or UPDATE.

TRNDTENB: This subprogram will add or convert the century to date fields (parameters passed in the CALLNAT) with the century (the first 2 digits of the date fields). This subprogram will accept parameters in the following format and order 18 (N8) fields, 4 (A8) fields, 1 (A4) field, and 1 (A7) field. These parameters represent the largest number of fields that can be stored on any of the NEMS files. All of the parameters must be sent to the subprogram. They can be dummy fields if not enough date fields need to have the century added. If a date field is equal to 0 then that field is ignored (no century addition performed). If a date field is greater than 0 then a century will be populated for that date based on the following formula:

Year from current system date - constant year (80) = year to compare with.

If the date field year (digits 3 and 4 from the date fields) is less than or equal to the year to compare with, then the century is equal to the current system date century, else the century is equal to the current system date century + 1 (next century).

This subprogram is intended to use fields that edits are performed on (program local fields) passed to it. It should be executed as the statement after the input of the map and before any edits are performed.

Conversion Programs:

1. BARCODEC: This program updates the populated date fields in the NEMS-BAR-CODE file with the 19 century.
2. DLYTRNC: This program update the populated date fields in the NEMS-DAILY-TRANS file with the appropriate century.
3. EQUIPMTC: This program updates the populated date fields in the NEMS-EQUIPMENT file with the appropriate century.
4. GLOBTRNC: This program updates the populated date fields in the NEMS-GLOBL-TRANS file with the 19 century.
5. HISTORYC: This program updates the populated date fields in the NEMS-GLOBL-TRANS file with the 19 century.
6. INVNTRYC: This program updates the populated date fields in the NEMS-HISTORY file with the appropriate century.
7. INVSTATC: This program updates the populated date fields in the NEMS-INVENTORY file with the 19 century.
8. MNTHTRNC: This program updates the populated date fields in the NEMS-MONTH-TRANS file with the appropriate century.
9. PCMAUTHC: This program updates the populated date fields in the NEMS-PCM-AUTH file with the 19 century.
- 10.PCMPENDC: This program updates the populated date fields in the NEMS-PCM-PENDING file with the appropriate century.
- 11.REPORTSC: This program updates the populated date fields in the NEMS-REPORTS file with the 19 century.
- 12.TRANSFRC: This program updates the populated date fields in the NEMS-TRANSFER file with the appropriate century.

Predict files for NEMS: AGAIN THIS IS NEVER TO BE INSTALLED INTO A PRODUCTION/TEST ENVIRONMENT!

THE DATASET NAMES FOR THIS RELEASE ARE:

AIMS.NEMS.Y2K.REL400.REL0797.PRD

AIMS.NEMS.Y2K.REL400.REL0797.SRC